

# **CALFED ADMINISTRATIVE RECORD: Multi-Species Conservation Strategy**

**Species Prescription and Goal Recommendations  
Received at and Subsequent to Technical Workshops  
from Species Specialists (i.e., non-MSCS Team Members)**

**Jones & Stokes File Materials**

pete

January 28, 1999  
Comments on CalFed lists:

R. Bittman 323-8970

### To Add to the "m"s:

*Isocoma arguta* Carquinez goldenbush 1B/SC May be affected  
This plant should at least be an m, if not an r (see printout). It occurs in the problem (Delta) area on the following quads: Bird's Landing, Denverton, and Dozier.

*Scutellaria galericulata* marsh skullcap 1B May be affected  
3 out of 5 known sites are located in the Delta; was this an insufficient amount of the distribution to include it?

*Horkelia parryi* Parry's horkelia 1B ?  
This plant cooccurs with the other rare Ione plants in Amador County. It also has a site in the Eldorado Hills (Pine Hill) area and a few outlying sites (see printout). It should be included since the other Ione plants were included.

### To Delete from the "m"s:

*Arctostaphylos pallida* pallid manzanita  
Occurs in the E. Bay hills; there are no projects proposed there, are there?

*Trifolium amoenum* showy Indian clover  
There is one extant site; it is highly unlikely that impacts would occur there. If it included because of the historical record indicating that it could be found in a project area, then we need to also include *Tropidocarpum capparideum*, which has a very similar story and distribution.

*Cordylanthus nidularius* Mt. Diablo bird's beak  
*Streptanthus hispidus* Mt. Diablo jewelflower  
These two plants are wholly known from Mt. Diablo; I doubt that projects will occur there.

*Coreopsis hamiltonii* Mt. Hamilton coreopsis  
Nearly all occurrences are on mountain tops such as Mt. Hamilton.

## Move to Wetlands section:

*Alopecurus aequalis sonomensis*  
*Pleuropogon hooverianus*  
*Rhynchospora californica*  
*Lepidium latipes heckardii*  
*Astragalus tener ferrisiae*  
*Astragalus tener tener*

Sonoma alopecurus  
N. Coast semaphore grass  
California beaked rush  
Hechard's peppergrass  
Ferris' milk vetch  
alkali milk vetch

## Consider changing to "r":

*Astragalus tener ferrisiae*

alkali milk vetch

Nearly all extant sites occur today in Sacto NWR. Most of the rest are historical. If changes are proposed for managed wetlands, this plant would definitely be affected.

## **Some considerations for a few categories of the “m” plants:**

### **1. Ione plants**

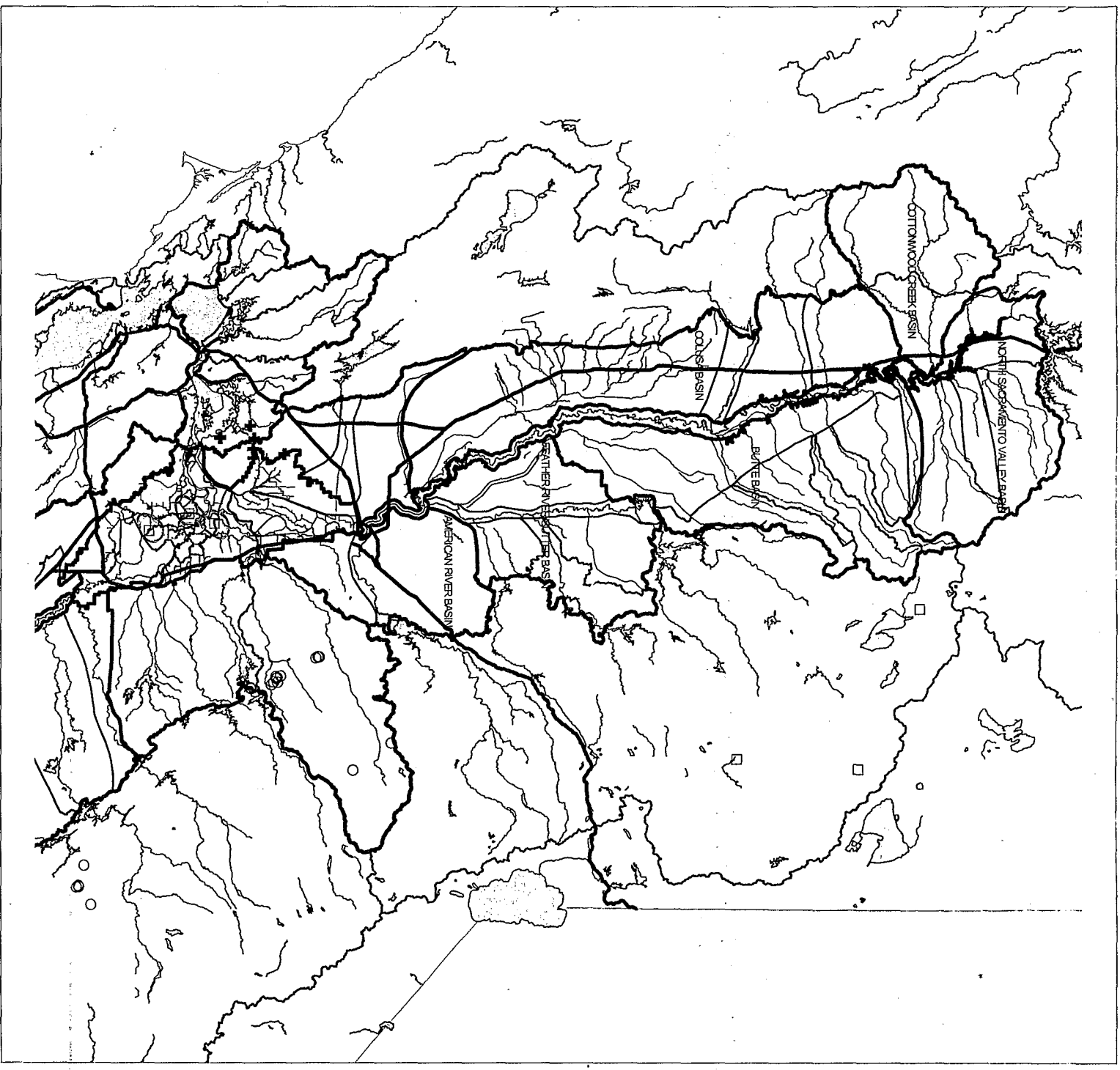
- Develop a conservation plan and protect the suite of Ione plants (two *Eriogonums*, *Arcto. myrtifolia*, *Horkelia parryi*) throughout their geographic and ecological range.
- Research the ecology of the four species and develop appropriate management prescriptions (fire?) using AM.
- Monitor all protected sites over time, especially following management activities.

### **2. Pine Hill plants**

- Implement the existing conservation plan, developed by Julie Horenstein. Protect suite of species throughout their geographic and ecological range.
- Protect sites large enough (greater or equal to 300ac) to apply appropriate management (fire) to maintain the ecosystem.
- Monitor after any management activities.

### **3. Serpentine or nonserpentine grasslands**

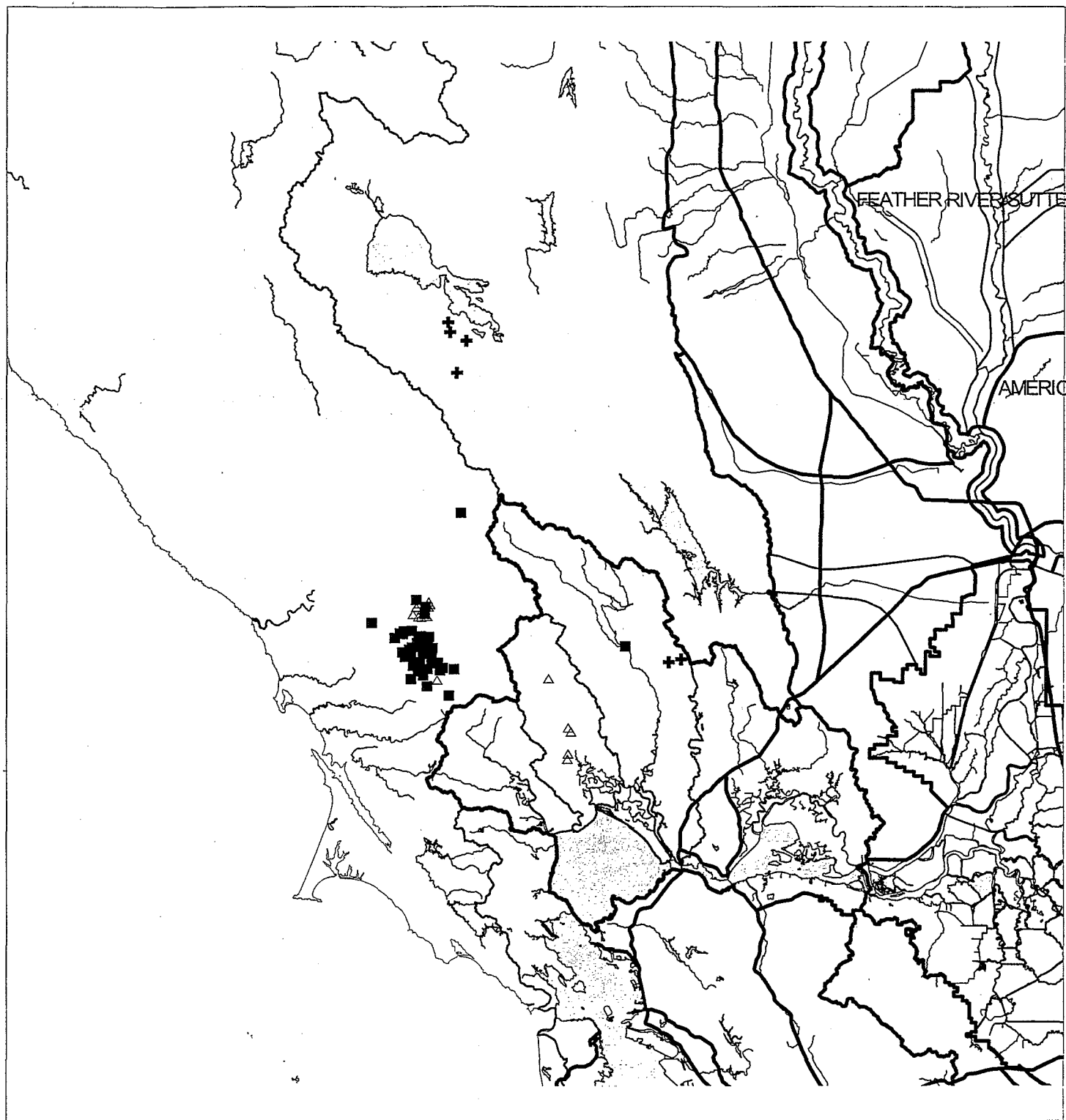
- Develop a conservation plan for each species or suite of species and identify sites to protect including the full geographic, ecological, and soils variation of the range of the species.
- Research appropriate management techniques (i.e. adjust grazing regime, fire regime, weed control, etc.) and apply AM.
- Monitor after management activities.



+ ISOCOMA ARGUTA  
 □ SCUTELLARIA GALERICULATA  
 ○ HORKELIA PARRYI  
 Ecological Management Zones  
 Ecological Management Units

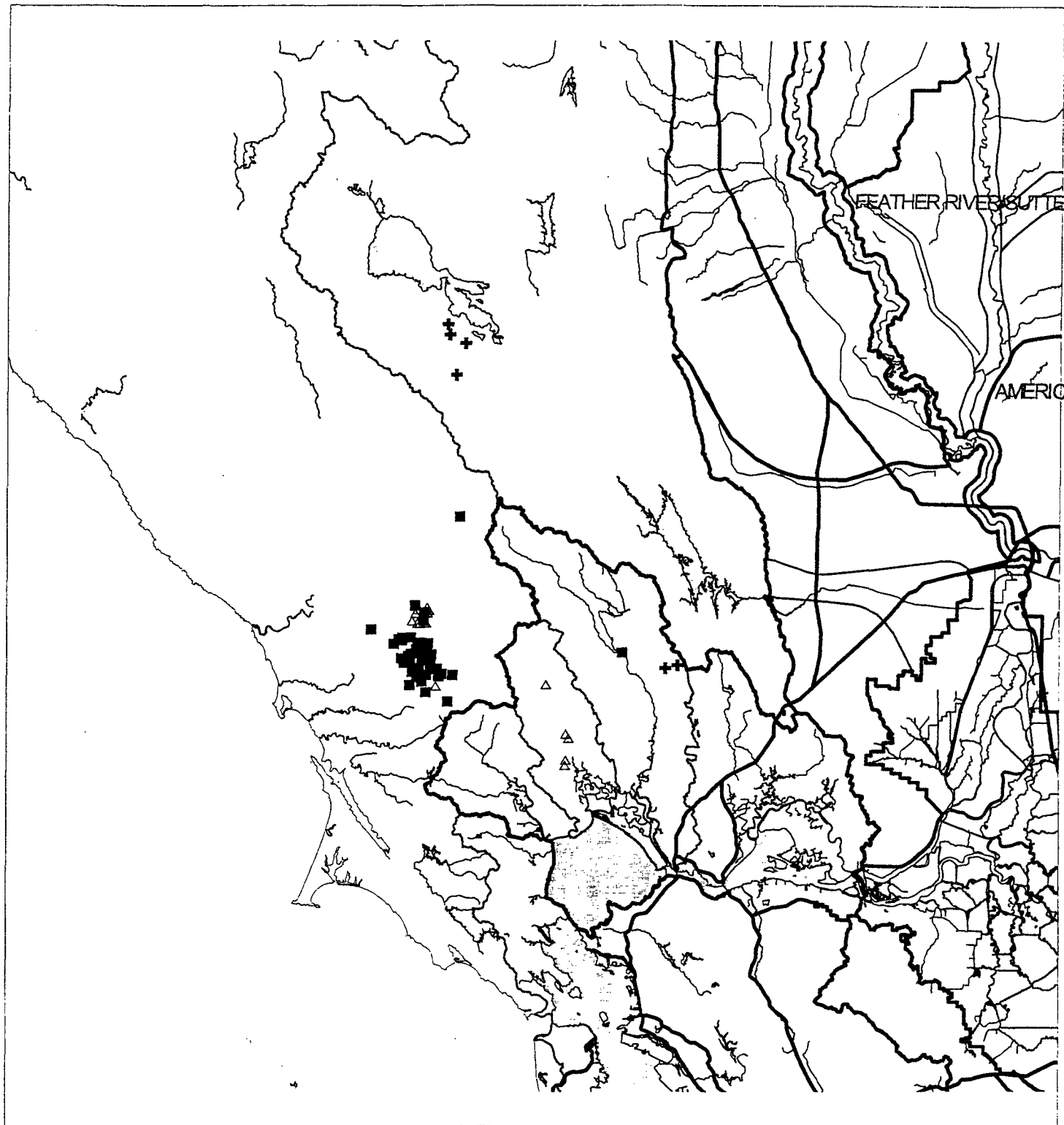
# NDDB OCCURRENCES

D-053347



- + NAVARRETIA LEUCOCEPHALA SSP. PAUCIFLORA
- △ BLENNOSPERMA BAKERI
- LIMNANTHUS VINCULANS
- ▨ Ecological Management Zones
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